

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended). An aircraft brake heat pack brake disc in the form of a composite article comprising a an annular core layer having a major face portion and a an annular wear layer attached to the major face portion, wherein the core layer is a C-C composite article impregnated with a refractory carbide and the wear layer is a C-C composite article and has a density lower than the core layer.

Claim 2 (previously presented). The aircraft brake heat pack brake disc as claimed in Claim 1, wherein the density of the core layer is in excess of 1.85 gcm^{-3} .

Claim 3 (cancelled).

Claim 4 (cancelled).

Claim 5 (previously presented). The aircraft brake heat pack brake disc as claimed in Claim 1, wherein the refractory carbide is silicon carbide or boron carbide.

Claim 6 (currently amended). An aircraft brake heat pack comprising a brake disc in the form of a composite article comprising a an annular core layer formed from C-C composite

impregnated with a refractory carbide, the core layer having a density of greater than 1.85 gcm^{-3} and having a major face portion to which is attached a an annular carbide-free C-C wear layer having a density of 1.85 gcm^{-3} or lower.

Claim 7 (previously presented). The aircraft brake heat pack as claimed in Claim 6, wherein the refractory carbide is silicon carbide or boron carbide.

Claim 8 (cancelled).

Claim 9 (previously presented). The aircraft brake heat pack as claimed in Claim 6, wherein the density of the core layer is in the range of greater than 1.85 gcm^{-3} to 2.95 gcm^{-3} .

Claim 10-14 (cancelled):

Claim 15 (currently amended). An aircraft wheel and brake assembly comprising brake discs, one or more of the brake discs having a an annular core layer of density greater than 1.85 gcm^{-3} and at least one wear annular wear layer attached to a major face of the core of density 1.85 gcm^{-3} or lower, wherein the core layer comprises a C-C composite impregnated with refractory carbide.